

2009 WHIP Field Border (386) Requirements

Eligible lands: Private agricultural land, private nonindustrial forestland, and tribal lands needing wildlife habitat creation or enhancement around cropped fields, pastureland, woodland, and other lands suitable for field borders.

WHIP Field Border Practice Requirements:

1. **Soil test required for all permanent herbaceous plants.** (University of Tennessee or any certified NAPTP Lab). Areas of contrasting soils, problem spots or portions of fields significantly different should be sampled separately, provided the area can be fertilized separately. Examples: bottomland and upland. See University of Tennessee publication PB 1061 ([UT PB1061](#)) for soil sampling information. **For NWSG, if pH is 5.0 or higher** apply no lime; if lower apply 2 tons per acre, no nitrogen at planting, apply P2O5 and K2O as recommended in soil sample all other requirements must be met. No harvest of NWSG the first two growing seasons.
2. **Lime and fertilizer are not required for trees, shrubs, or temporary cover.** For permanent herbaceous cover, apply lime and fertilizer as required by soil test (University of Tennessee soil test recommendation).
3. **Seeded areas shall not be grazed** by domestic livestock for the life of the agreement.
4. Native warm season grass stands **may be harvested once per year** beginning with the third growing season, and may only be harvested between July 1 and August 15.
5. **Field Borders shall be a minimum of 20 ft and a maximum of 120 ft in width.**
6. **Natural Regeneration is acceptable on B slopes (less than 5% or less).** Natural regeneration is acceptable on C slopes (slopes of 5-12 percent) only if sufficient ground cover is present to minimize soil erosion and other off-site impacts.
7. **Herbicides are to be used in accordance with the label** for tame grass eradication or when the no-till planting method is used.
8. **See FOTG practice code 386 for additional requirements.**

Seeding recommendations are given in the table below:

Temporary Cover - Winter		
Species	Amt/Ac	Seeding Dates
Crimson Clover (lbs)	20.0	Aug 1 – Oct 1
Winter Wheat	1.5 – 2 bu	Sept 1 – Oct 20
Cereal Rye	1.5 – 2 bu	Sept 1 – Oct 20
Wheat & Crimsom Clover	1 bu; 10 lbs	Sept 1 – Oct 20
Rye & Crimson Clover	1 bu; 10 lbs	Sept 1 – Oct 20
Temporary Cover - Summer		
Species	Amt/ac	Seeding Dates
Millet, White Proso (lb)	20.0	May 1 – July 1
Millet, Foxtail (lb)	20.0	May 1 – July 1
Buckwheat (lbs)	30.0	May 1 – Aug 1
Corn (w/Eastern Gamagrass only)*	12,000-16,000 plants/ac = 1/7 bu	June 1
Natural Regeneration with Interseeding		
Species	Amt/ac	Seeding Dates
Kobe/Korean Lespedeza (lb)	15.0	Apr 15 – June 15
Eastern Gamagrass (lbs)*	10.0	Dec 1 – July 1
Warm Season Native Mix - Tall Mix for Deer/Turkey		
Species	Amt/ac	Seeding Dates
Big Bluestem** (lb)	1.0	Dec 1 – July 1
Indiangrass** (lb)	1.0	
Little Bluestem** (lb)		
Sideoats Grama** (lb) <u>and either:</u>	1.0	
Kobe/Korean Lespedeza (lb) <u>or</u> a	1.0	
single or mix of:	5.0	
1)Illinois Bundleflower (lb)		
2)Partridge Pea (lb)	1.0	

Warm Season Native Mix - Short Grass Mix for Quail/Rabbit		
Species	Amt/ac	Seeding Dates
Little Bluestem** (lb)	3.0	Dec 1 – July 1
Indiangrass** (lb)	0.5	
Sideoats Grama** (lb) <u>and either:</u>	1.0	
Kobe/Korean Lespedeza <u>or</u>	5.0	
a single or mix of:		
1) Illinois Bundleflower	1.0	
2) Partridge Pea		
Broadcast Planting Mix		
Species	Amt/ac	Seeding Dates
Switchgrass** (lb)	8.0	Apr 1 – July 1
Kobe/Korean Lespedeza (lb)	5.0	
Cool Season Legume Mix		
Species	Amt/ac	Seeding Dates
Ladino Clover (lb)	4.0	Feb 20 – Apr 1
Red Clover (lb)	5.0	Aug 15 – Oct 1
Winter Wheat (temporary cover) (lb)	25.0	Aug 15 – Oct 1
Shrub and Tree Establishment		
Species	Amt/ac	Seeding Dates
Spicebush	680 plants (8'x8' spacing)	Nov 1 – Apr 1
Indigobush	680 plants (8'x8' spacing)	Nov 1 – Apr 1
Wild Plum	680 plants (8'x8' spacing)	Nov 1 – Apr 1
Chickasaw Plum	680 plants (8'x8' spacing)	Nov 1 – Apr 1
Washington Hawthorne	680 plants (8'x8' spacing)	Nov 1 – Apr 1
American Beautyberry	680 plants (8'x8' spacing)	Nov 1 – Apr 1
Flowering Dogwood	302 plants (12'x12' spacing)	Nov 1 – Apr 1
Crabapple	302 plants (12'x12' spacing)	Nov 1 – Apr 1
Sawtooth Oak	302 plants (12'x12' spacing)	Nov 1 – Apr 1
Persimmon	302 plants (12'x12' spacing)	Nov 1 – Apr 1

* For temporary cover of corn with eastern gamagrass, plant no-till corn at a 45 degree angle to the eastern gamagrass rows. Plant 10 lbs eastern gamagrass per acre about April 1. Apply atrazine (following label recommendations) for corn. Plant early maturing corn about June 1 at rate of 12,000-16,000 plants per acre (1/7 bu). Harvest corn as early as possible.

** PLS = Pure Live Seed